## PTO/SB/05 (06-03) U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

## UTILITY PATENT APPLICATION **TRANSMITTAL**

Attorney Docket No.	20375-038110				
First Inventor		Algiene, Kenneth et al.			

Title | SYSTEMS AND METHODS FOR DIRECTING

(Only for new nonprovisional applications under 37 CFR 1.53(b))

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APPLICATION ELEMENTS			ADDR	ADDDESS TO Commissioner for Patents						
See MPEP o	chapter 600 concerning design patent a	application contents.			P.O. Box 1450 Alexandria, VA 22313-1450					
	Fee Transmittal Form (e.g., PTO/S		7. CD-ROM or CD-R in duplicate, large table or							
	Submit an original and a duplicate for f Applicant claims small entity status		Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission							
_	See 37 CFR 1.27.	•	(if applicable, all necessary)							
		al Pages 25 ]	a. Computer Readable Form (CRF)							
	preferred arrangement set forth below) Descriptive title of the Invention		<ul> <li>b. Specification Sequence Listing on:</li> <li>i. ☐ CD-ROM or CD-R (2 copies); or</li> </ul>							
	Cross Reference to Related Application		i. ☐ CD-ROM or CD-R (2 copies); or ii. ☐ paper number of pages							
	Statement Regarding Fed sponsored I Reference to sequence listing, a table,		c. Statements verifying identity of above copies							
	or a computer program listing appendi Background of the Invention	x	ACCOMPANYING APPLICATIONS PARTS							
-	Brief Summary of the Invention		9. 🛛	9. Assignment Papers (cover sheet & document(s))						
	Brief Description of the Drawings ( if file Detailed Description	led)	10. 🔲	37 CFR 3.	73(b) Stateme					
-	· Claim(s)		1	(when ther	re is an assign	ee) Attorney				
-	Abstract of the Disclosure		11. 🗌	English Translation Document (if applicable)						
_		al Sheets 7 ]	12. 🗌	Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations						
	•	al Pages 3	13. 🗆		y Amendment					
_	Newly executed (original or copy		14. 🛛		ceipt Postcard	(MPEP 503)				
b. ∐				•	e specifically it	,				
	(for a continuation/divisional with Box 18 completed)  i. DELETION OF INVENTOR(S)  15. Certified Copy of Priority Document(s) (if foreign priority is claimed)									
1	Signed statement attached deleting i		16. 🗆			under 35 U.S.C. 122				
	named in the prior application, see 3 1.63(d)(2) and 1.33(b).	7 CFR		(b)(2)(B)(i). Applicant must attach form PTO/SB/35						
6. 🛛 Apr	plication Data Sheet. See 37 CFR	17. 🗆	or its equivalent							
	ITINUING APPLICATION, check appr			Other:	n halow and in	the first contains of the				
	n following the title, or in an Applicat			e intormation	T DEIOW AND IN I	ne nist sentence of the				
☐ Conti	<del></del>	☐ Continuation-in-par	t (CIP)		ior application N	o:				
	plication information: Examiner		-64b		/nit:	oth as depleasing in complied				
under Box 5	NUATION or DIVISIONAL APPS only: 5b, is considered a part of the disclo	sure of the accompan	of the prior a ing continua	pplication, 11 tion or divis	rom wnich an o ional applicatio	n and is hereby incorporated by				
reference. T	The incorporation can only be relied	<del></del>			itted from the s	ubmitted application parts.				
		19. CORRESPO	NDENCE AD	DRESS		<u> </u>				
⊠ Custo	mer Number	203	15N		45 =					
_	∑UJ.				OR 🗆	Correspondence address below				
	Douglas M. Hamilton, Reg. No.	47,629								
Name										
Address										
City	State									
Country		Telephone	(303) 571-	4000	Fax	(303) 571-4321				
Name (Pr	(Print/Type) Douglas M. Hamilton Registration No. (Attorney/Agent) 47,629									
, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Name (Print/Type) Douglas M. Hamilton Registration No. (Attorney/Agent) 47,629									
Signature					Date	August 20, 2003				
<u> </u>						<u> </u>				

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments in the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Mail Stop Patent Application, P.O. Box 1450, Alexandria, VA 22313-1450. 60022601 v1lf you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



## U.S. UTILITY PATENT APPLICATION EXPRESS MAIL FILING RECEIPT

Attorney Docket No.

This Non-Provisional Application claims priority to:

Express Mail Label No.

Date of Deposit:

20366-092000

Prov. Pat. Appl. Serial No.
60/464,683, filed 4/21/03

EV 326932775 US

August 20, 2003

This Utility Application is being deposited with the United States Postal Service "Express Mail

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Sara B. McPeak

Date: <u>August 20, 2003</u>

47030035 v1

By:

Approved for use through 04/30/2003. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL	Complete if Known							
	Application Number						]	
for FY 2003	Filing Date							
Effective 01/01/2003. Patent fees are subject to annual revision.	ive 01/01/2003. Patent fees are subject to annual revision. First Named Invento		entor	Algiene, Kenneth et al.				
Applicant claims small entity status. See 37 CFR 1.27		Examiner Name						
		Art Unit						
TOTAL AMOUNT OF PAYMENT (\$) 808.00		Attorney Docket No.		20375-038110			)	
METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)							
Check Credit Card MoneyOrder Other None	3. ADDITIONAL FEES							
Deposit Account:	Large	Entity	Smali					
Deposit	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee De	escription	Fee Paid	
Account Number 20-1430	1051	130	2051	65	Surcharge - late f	filing fee or oath		
	1052	50	2052	25		provisional filing fee		
Deposit	1053	130	1053	130	or cover sheet.  Non-English spec	rification	├	
Account Townsend and Townsend and Crew LLP Name	1812	2,520	1812	2,520	- ,	st for reexamination		
The Commissioner is authorized to: (check all that apply)	1804	920*	1804	920*	= :	cation of SIR prior to	<b> </b>	
Charge fee(s) indicated below Credit any overpayments	1005	4 0 4 0 4		4.0404	Examiner action		<b>├</b> ──  <b> </b>	
Charge any additional fee(s) during the pendency of this application	1805	1,840*	1805	1,840*	Examiner action	cation of SIR after		
Charge fee(s) indicated below, except for the filing fee	1251	110	2251	55	Extension for repl	ly within first month		
to the above-identified deposit account.	1252	410	2252	205	Extension for rep	ly within second		
FEE CALCULATION	1253	930	2253	465	***************************************	ly within third month		
BASIC FILING FEE  Large Entity	1254	1,450	2254	725	Extension for repl month	ly within fourth		
Fee Fee Fee Fee Description Code (\$) Code (\$) Fee Paid	1255	1,970	2255	985	Extension for repl	ly within fifth month		
Code (\$)         Code (\$)         Fee Paid           1001 750         2001 375         Utility filing fee         750	1401	320	2401	160	Notice of Appeal			
1002 330 2002 165 Design filing fee	1402	320	2402	160		ipport of an appeal	<u> </u>	
1003 520 2003 260 Plant filing fee	1403	280	2403	140	Request for oral I Petition to institut	•	├ <del></del>	
1004 750 2004 375 Reissue filing fee	1451	1,510	1451	1,510	proceeding	e a pablic ase		
1005 160 2005 80 Provisional filing fee	1452	110	2452	55	Petition to revive		I	
SUBTOTAL (1) (\$)750	1453	1,300	2453	650	Petition to revive		<u> </u>	
	1501 1502	1,300 470	2501 2502	650 235	Utility issue fee (c Design issue fee	or reissue)	<b>├</b> ──	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1503	630	2502	315	Plant issue fee	<b> </b>		
Fees from Extra Claims below Fee Paid	1460	130	1460	130	Petitions to the C	ommissioner		
Total Claims 21 -20** = 1 \$18 = \$18	1807	50	1807	50	Petitions related t	to provisional		
Independent Claims 3 -3** = 0 X\$84 = \$0	1806	180	1806	180	Submission of Inf	ormation Disclosure		
Multiple Dependent	8021	40	8021	40	Recording each p per property (time properties)	patent assignment es number of	40.00	
Large Entity Small Entity	1809	750	2809	375		on after final rejection		
Fee Fee Fee Fee Description	]				(37 ČFR § 1.129(			
Code (\$) Code (\$) 755 DESCRIPTION: 1202 18 2202 9 Claims in excess of 20	1810	750	2810	375	For each addition examined (37 CF			
1201 84 2201 42 Independent claims in excess of 3	1801	750	2801	375		inued Examination		
1203 280 2203 140 Multiple dependent claim, if not paid		900	1802	900	(RCE)	dited examination	<b>├</b> ─┤	
1204 84 2204 42 ** Reissue independent claims over original patent	1802	300	1002	300	of a design applic			
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	Other fee (specify)							
SUBTOTAL (2) (\$)18	*Reduc	ed by Bas	ic Filing	Fee Pa	d SUBTOTAL (	(\$)40.00	] [	
**or number previously paid, if greater; For Reissues, see above								
SUBMITTED BY Complete (if applicable)								
Name (Print/Type) Douglae-M. Hamilton Registration No. (Attorney/Agent) 47,629 Telephone				Telephone	303-571-4000			
Signature ( )					Date	Pate August 20, 2003		

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